# 2-DIMETHYLAMINOMETHYL-3-PYRIDINOL

**Other names:** 3-Pyridinol, 2-[(dimethylamino)methyl]-
2-[(dimethylamino)methyl]pyridin-3-ol
**Inchi:** InChI=1S/C8H12N2O/c1-10(2)6-7-8(11)4-3-5-9-7/h3-5,11H,6H2,1-2H3
**InchiKey:** NUMYETXZBQVFDX-UHFFFAOYSA-N
**Formula:** C8H12N2O
**SMILES:** CN(C)Cc1ncccc1O
**Mol. weight [g/mol]:** 152.20

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hf | -29.40 | kJ/mol | Cheméo Relay (1.0) |
| ie | 7.95 | eV | Cheméo Relay (1.0) |
| logp | 0.849 | | Crippen Method |
| mcvol | 125.650 | ml/mol | McGowan Method |

## Pressure Dependent Properties

| Property code | Value | Unit | Pressure [kPa] | Source |
|---|---|---|---|---|
| tbrp | 371.20 | K | 0.50 | NIST Webbook |

## Sources

**Cheméo Relay (1.0, beta):**
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=C2168130&Units=SI
**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws
**Cheméo Relay (1.0):**

# Legend

| | |
|---|---|
| **hf:** | Enthalpy of formation at standard conditions |
| **ie:** | Ionization energy |
| **logp:** | Octanol/Water partition coefficient |
| **mcvol:** | McGowan's characteristic volume |
| **tbrp:** | Boiling point at reduced pressure |